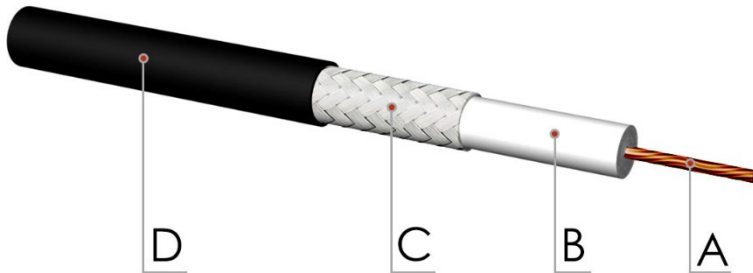


DATASHEET



FEATURES:

- General purpose applications
- MIL-C-17 Style

Construction

ITEM	MATERIAL	DIAMETER	REMARK
A Center Conductor	CCS (Copper-Clad Steel)	0.48 mm (0.019 in)	Stranded 7x0.16
B Dielectric	PE (Polyethylene)	1.52 mm (0.060 in)	
C Outer Conductor	TC (Tinned Copper)	2.00 mm (0.079 in)	95% Coverage 80x0.10 (Braid)
D Jacket	PVC (Poly Vinyl Chloride)	2.80 mm (0.110 in)	Black

Electrical & Mechanical Data

Characteristic Impedance	50Ω (±2)
Operating Frequency	dc - 1 GHz
Velocity of Propagation	66%
Signal Delay	5 ns/m
Capacitance	101 pF/m
Operating Temperature	-20 / +80 °C (-4 / 176 °F)
Shield Effectiveness	> 40 dB
Working Voltage	1500 V _{RMS} (max.)
Weight	1.2 Kg/Km
Min. Bending Radius	15 mm (single), 28 mm (multiple)



Attenuation & Power Handling

Frequency (MHz)	Typical Attenuation		Average max Power (W)
	(dB/100m)	(dB/100ft)	
10	8.5	2.6	365
30	16.0	4.9	214
50	22.0	6.7	165
100	28.0	8.5	117
150	36.0	11.0	96
450	63.0	19.2	55
1000	95.0	29.0	37